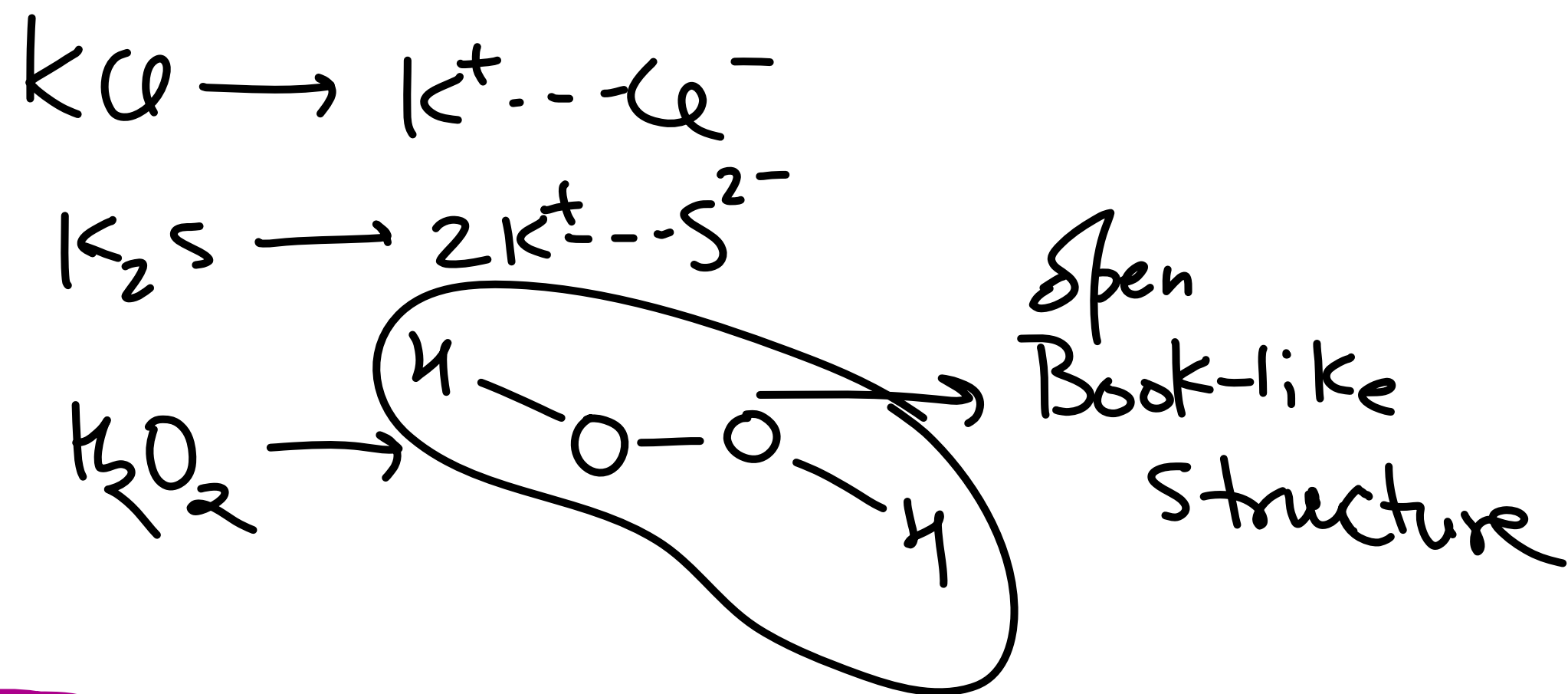
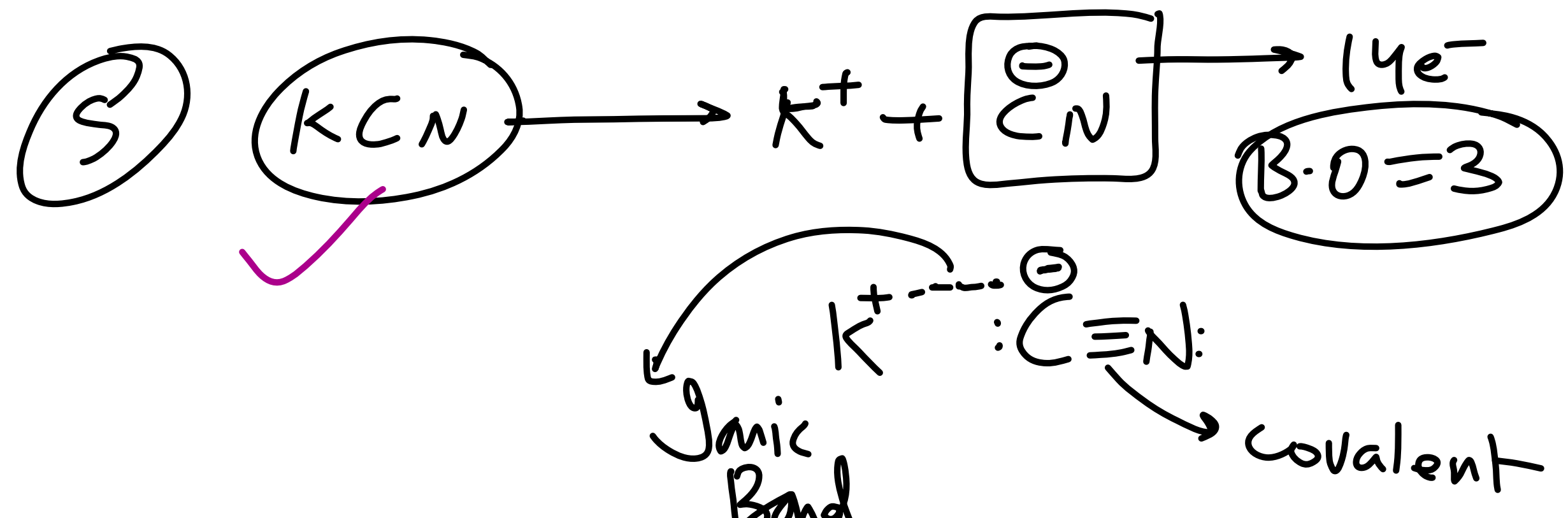


Doubt:-

Exercise → ⑥, 13
Example 4

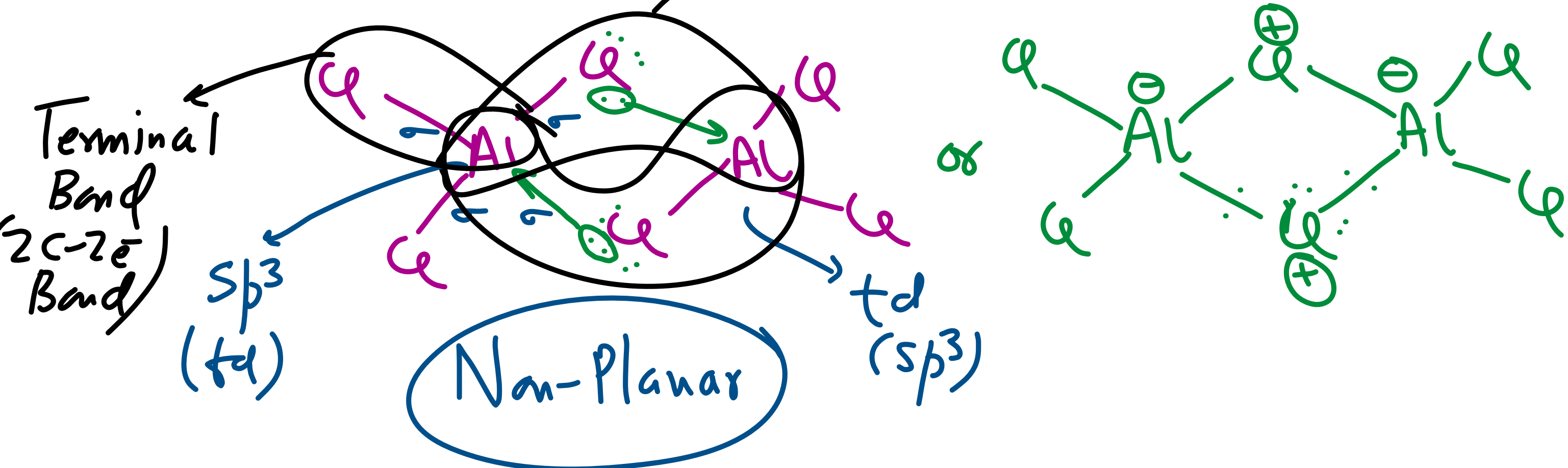
Step 1 → 7, 8, 12, 33, 17, 22, 37, 48, 38

Step 2 → 5, 41, 23, 24, 32, 47, 68, 63, 18

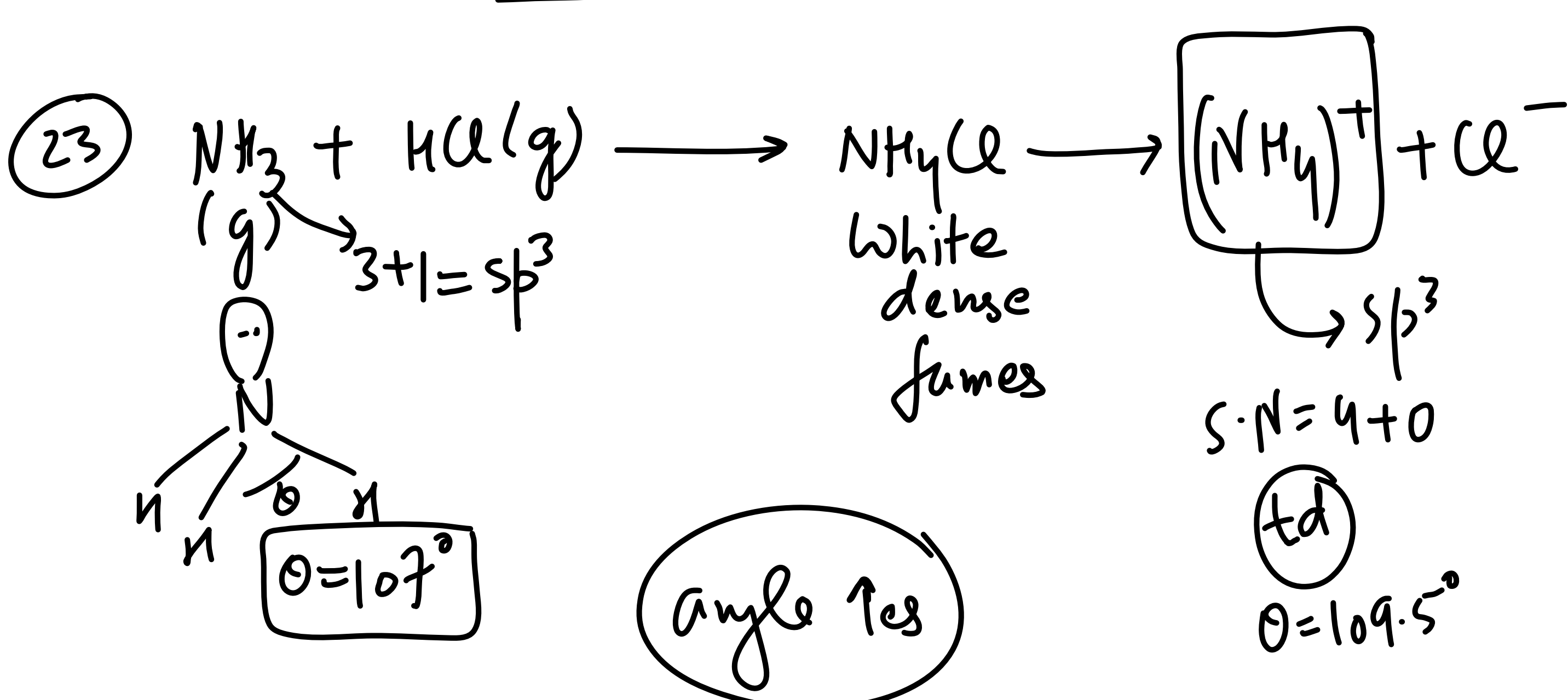


To complete its deficiency, $AlCl_3$ forms dimer.

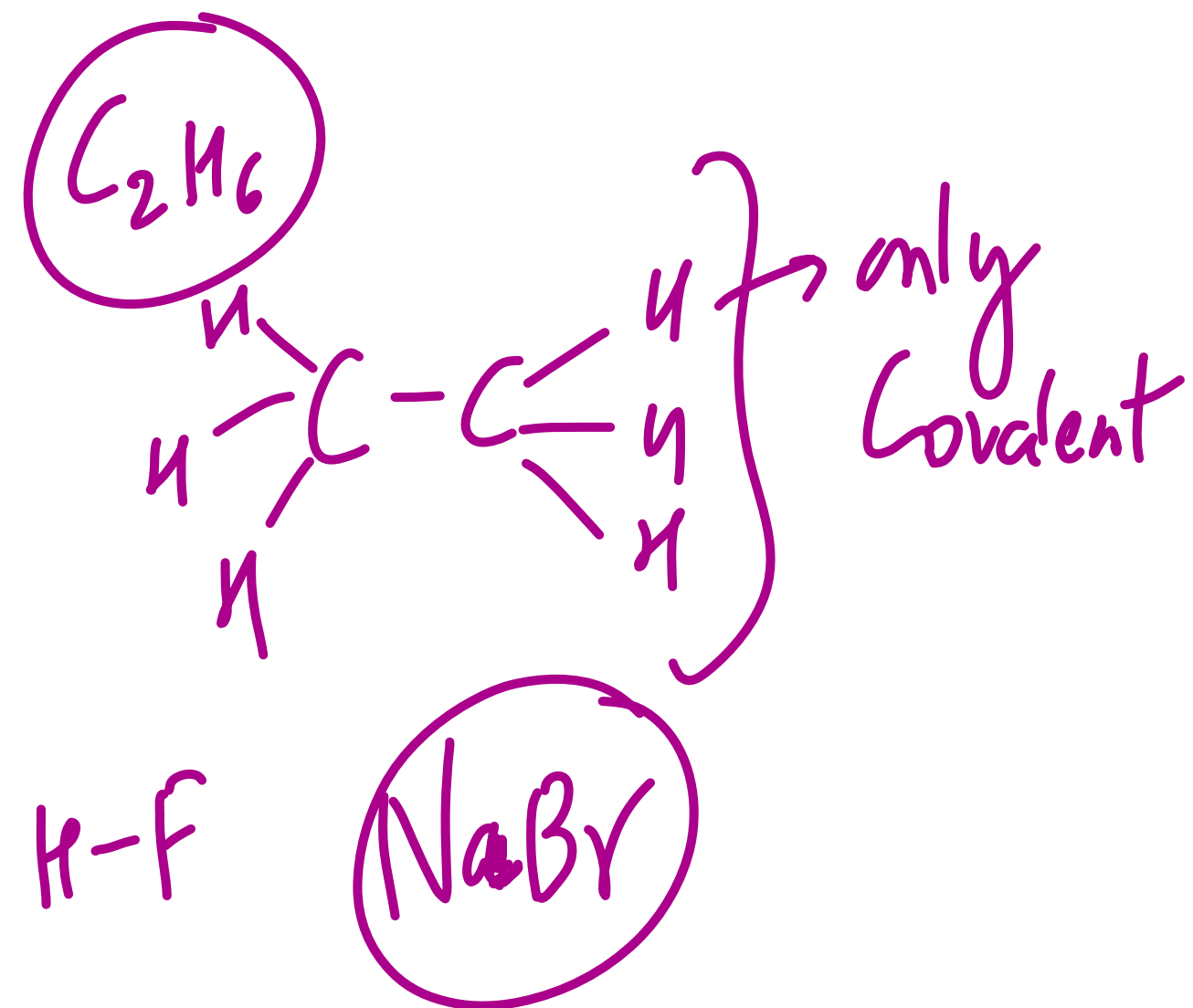
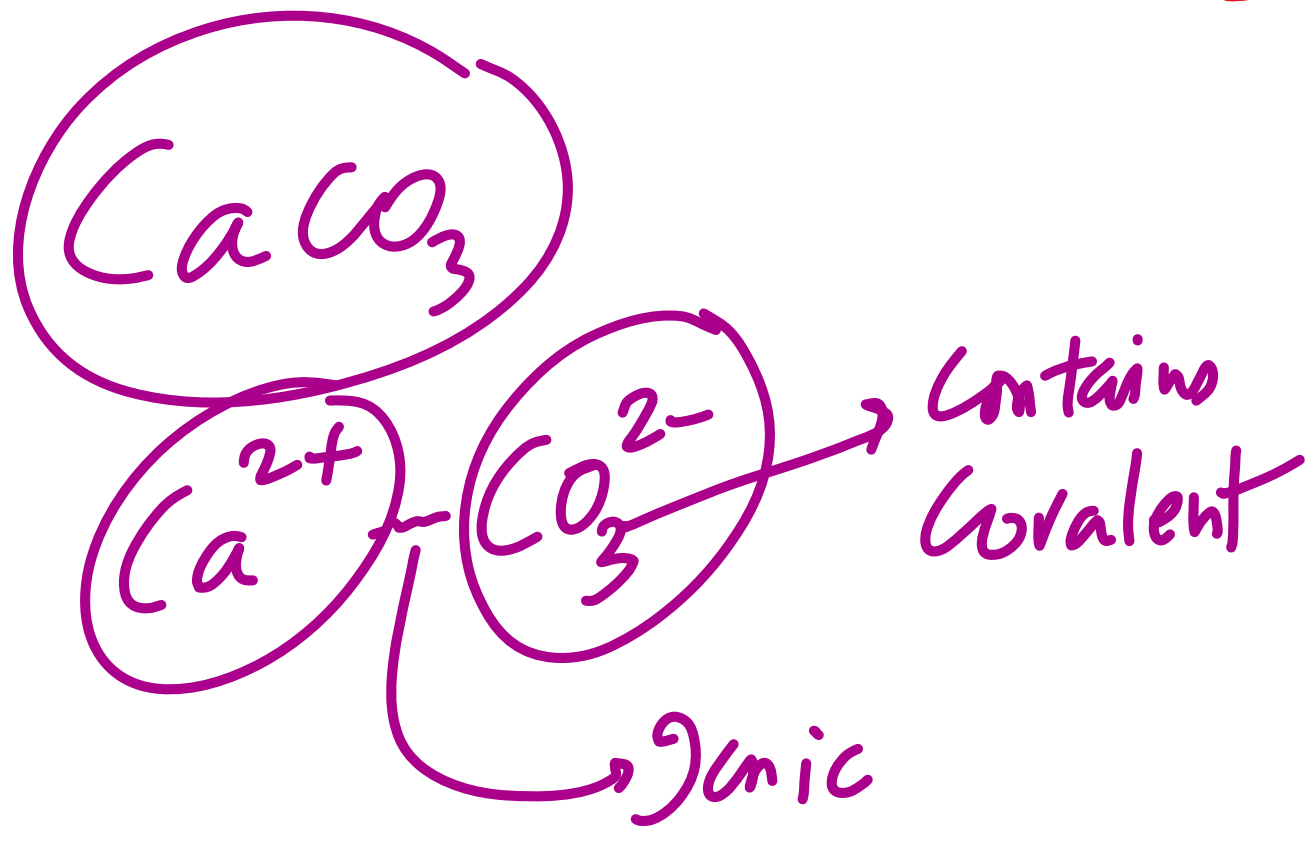
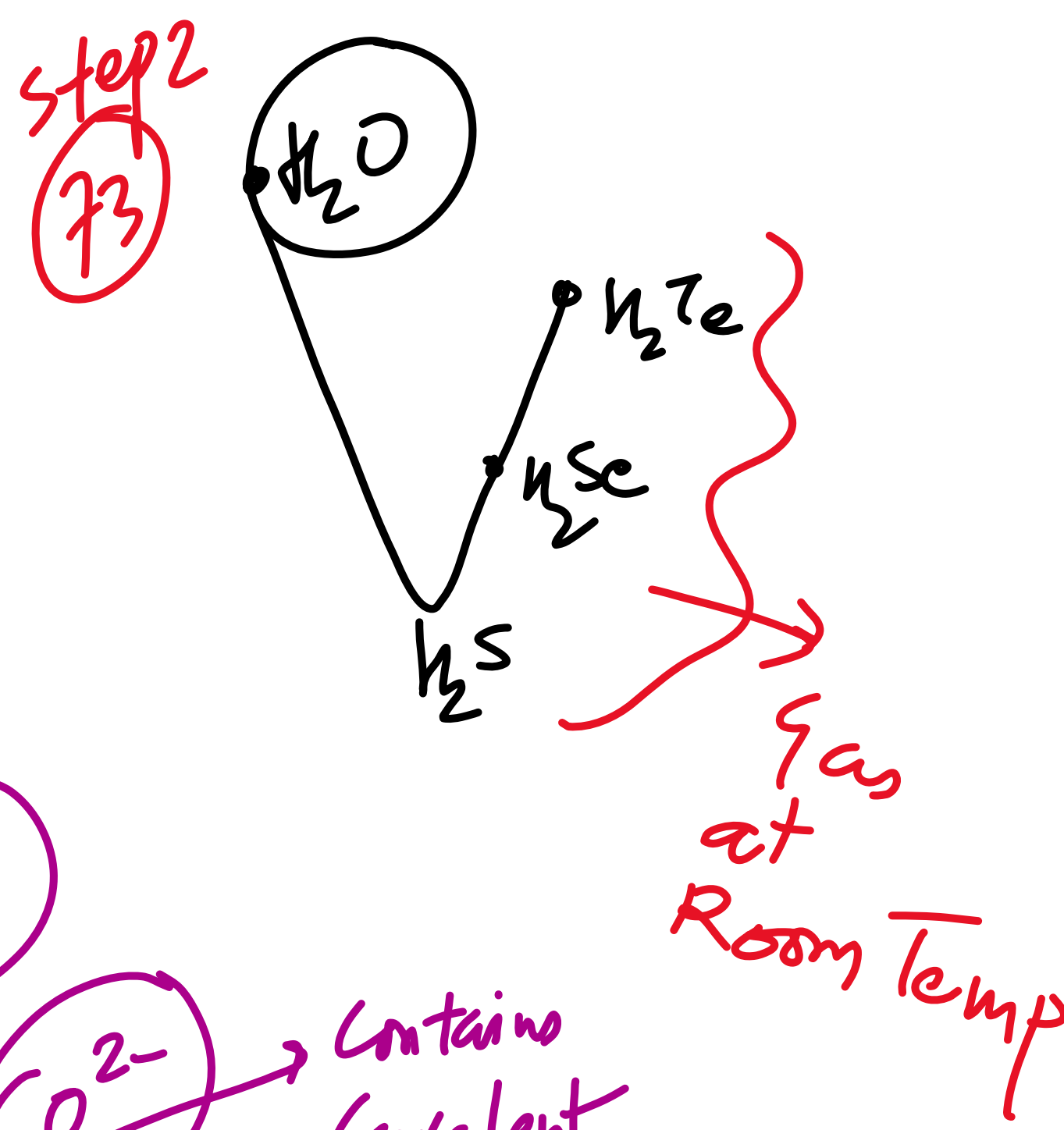
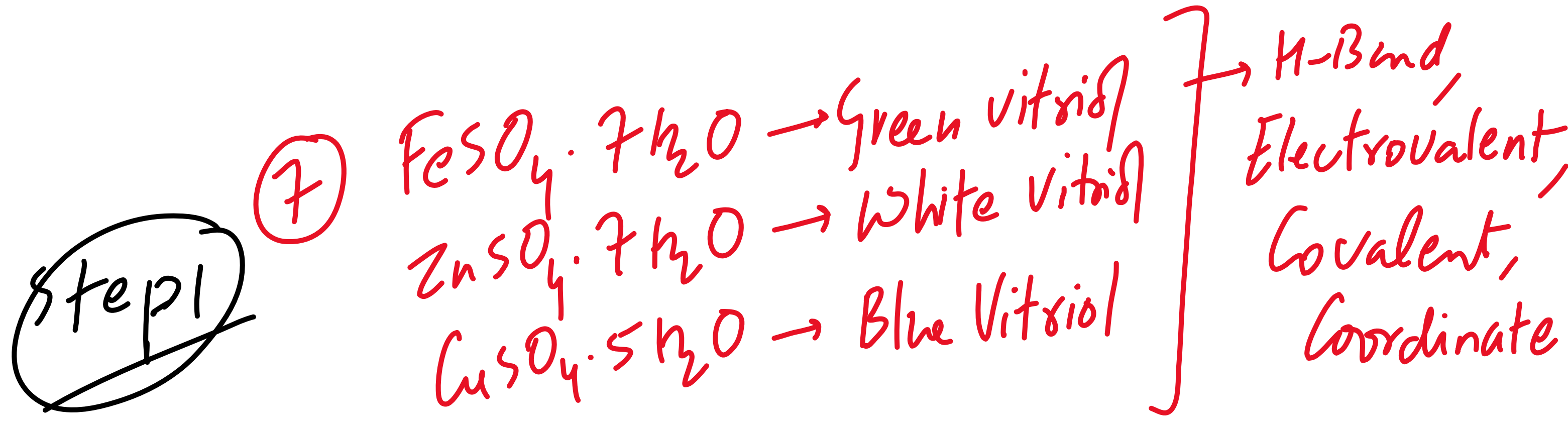
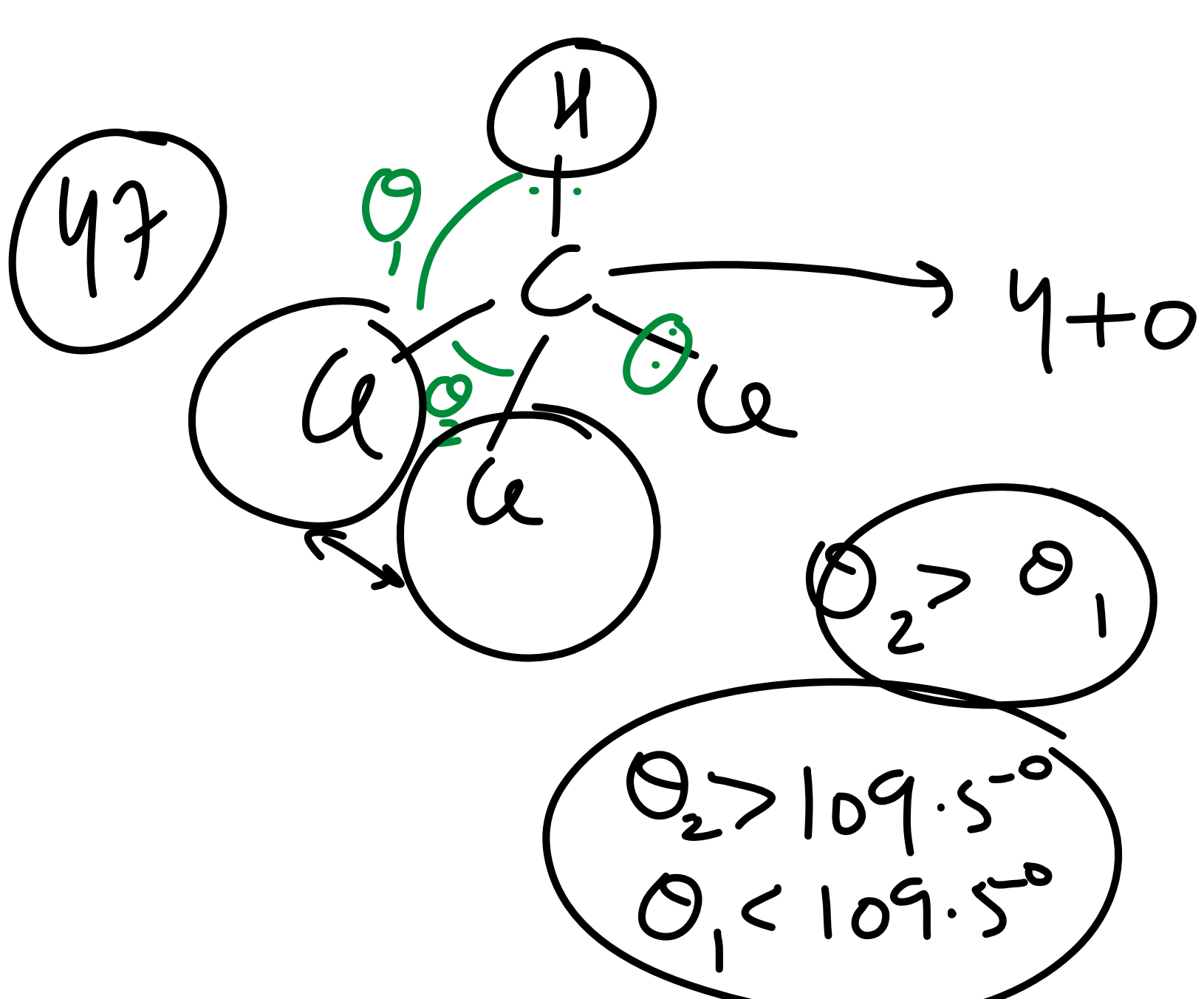
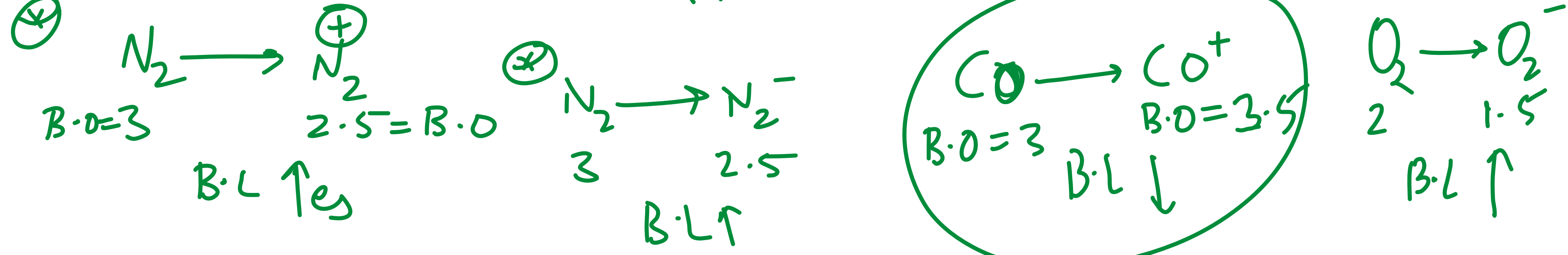
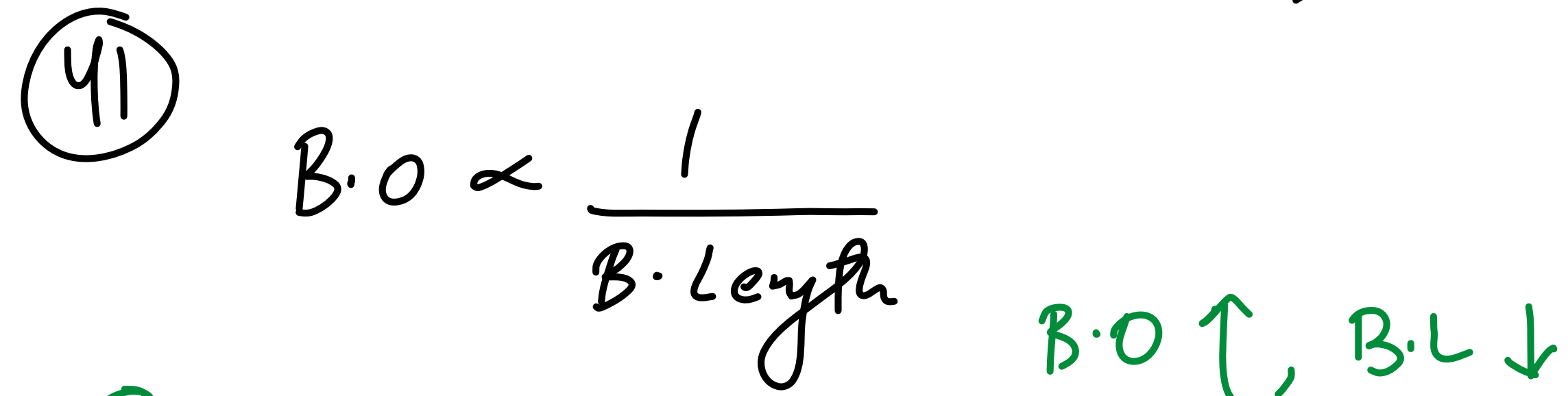
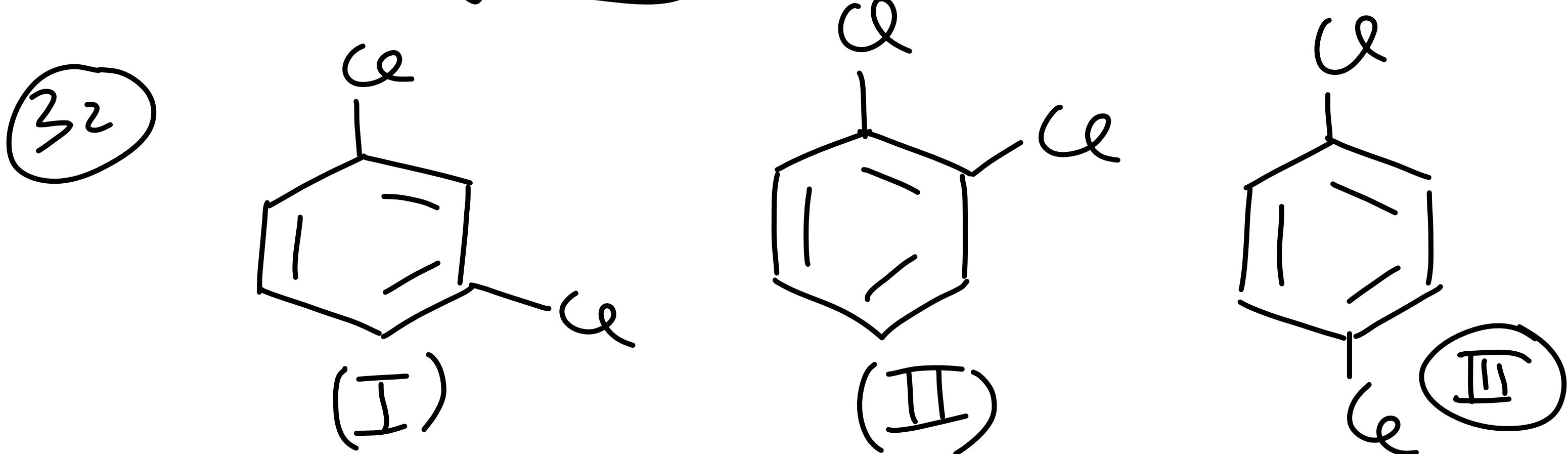
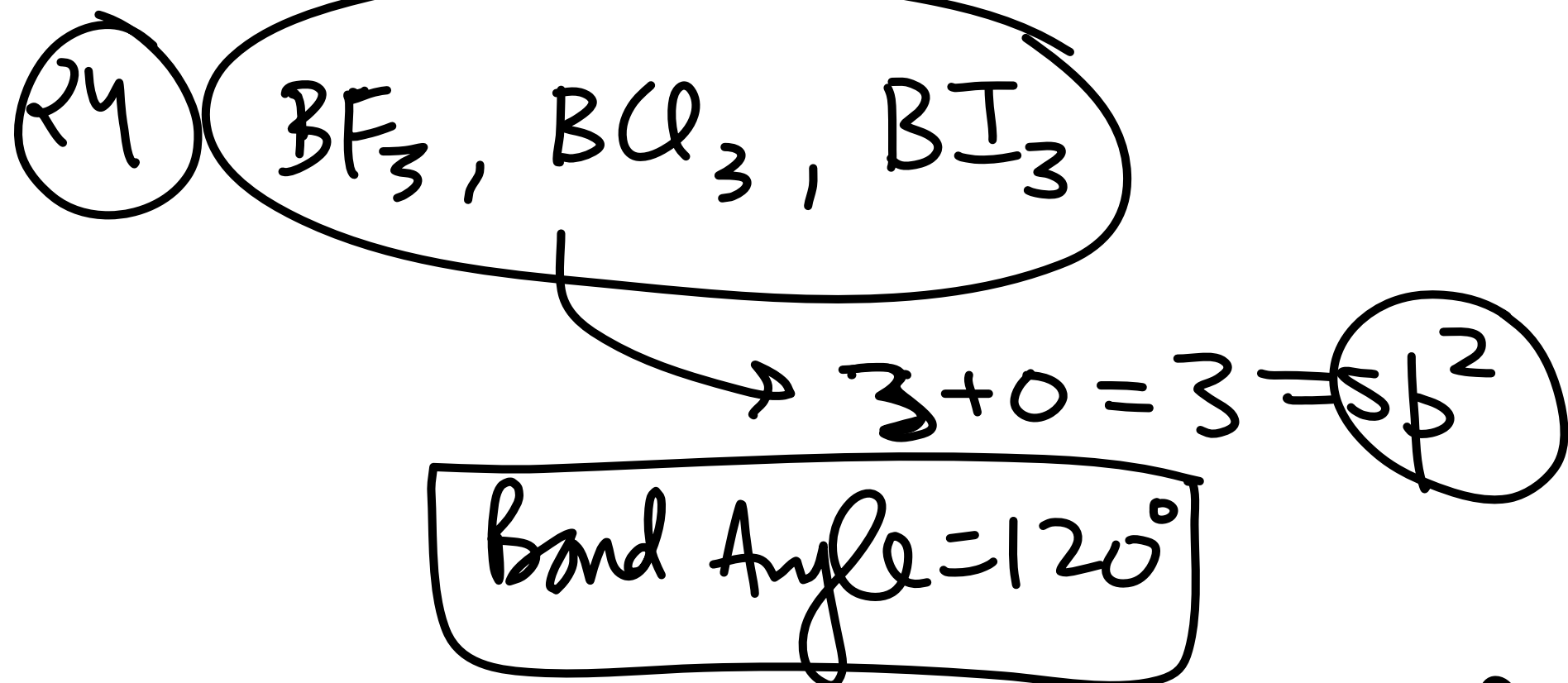
$2(AlCl_3) \rightarrow Al_2Cl_6$
Bridge Bond or Banana Bond or 3 centre- $4e^-$ Bond ($3c-4e$)



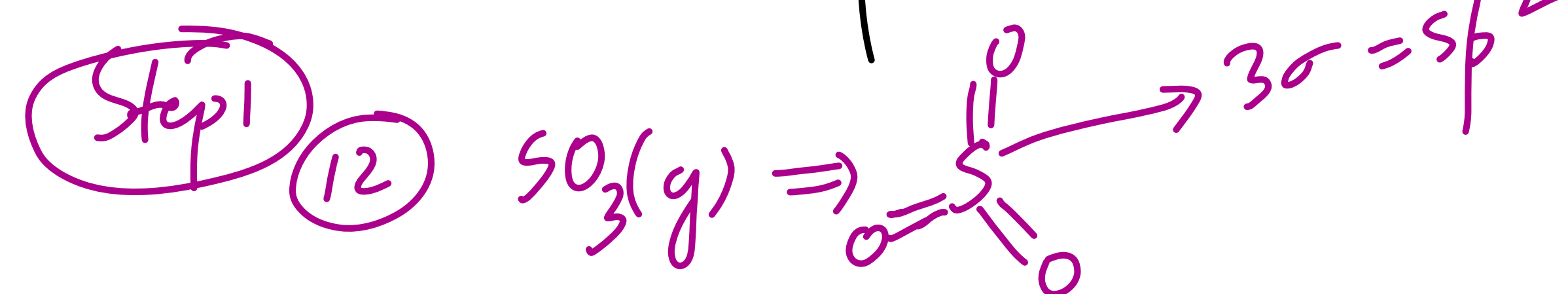
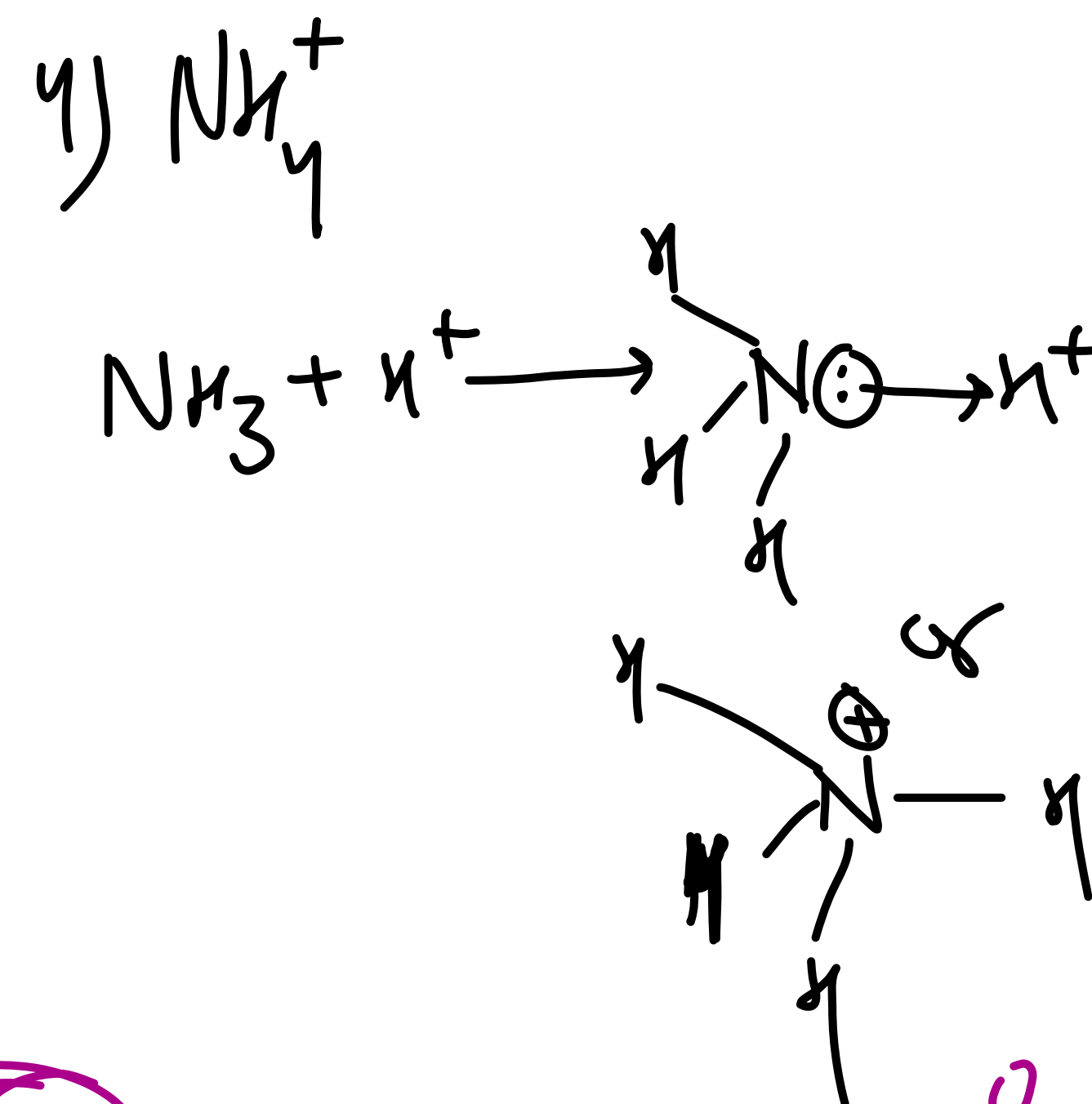
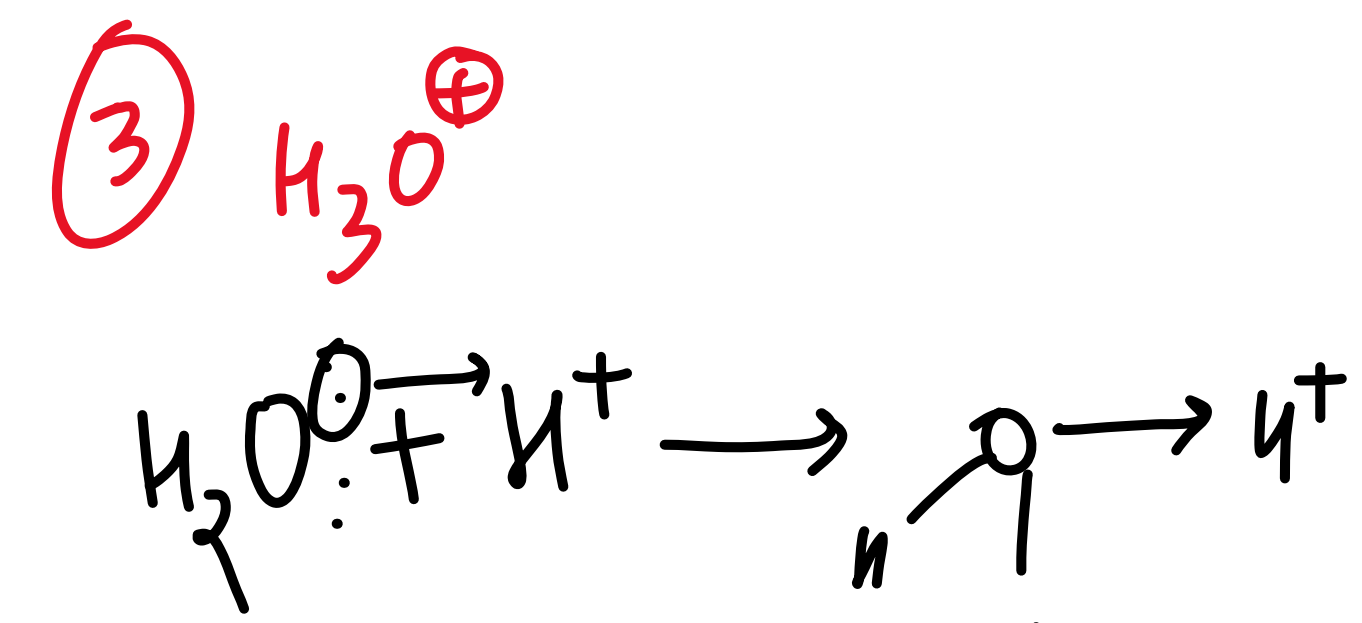
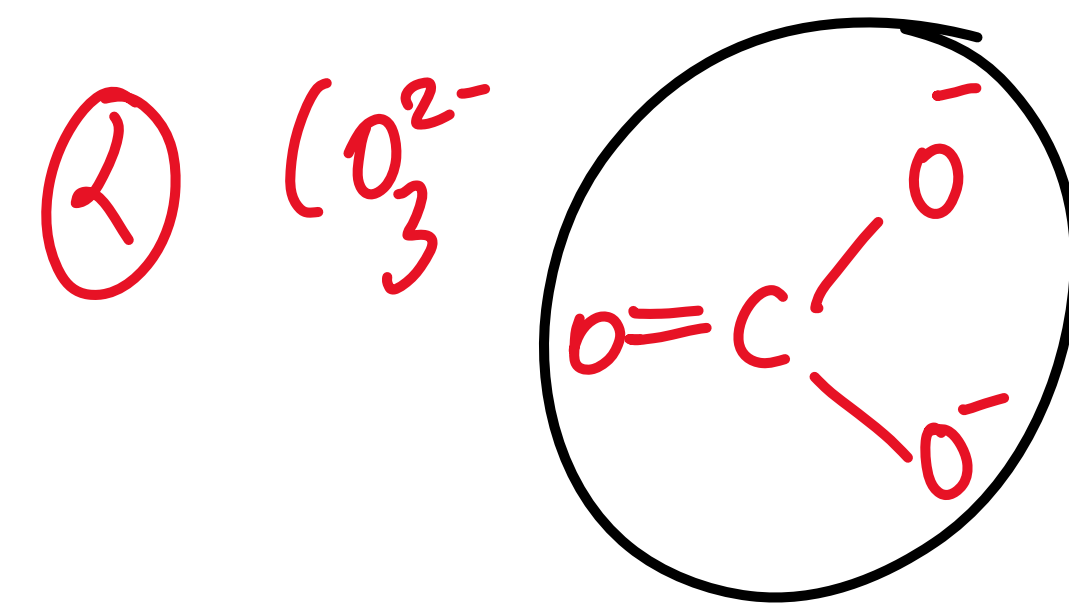
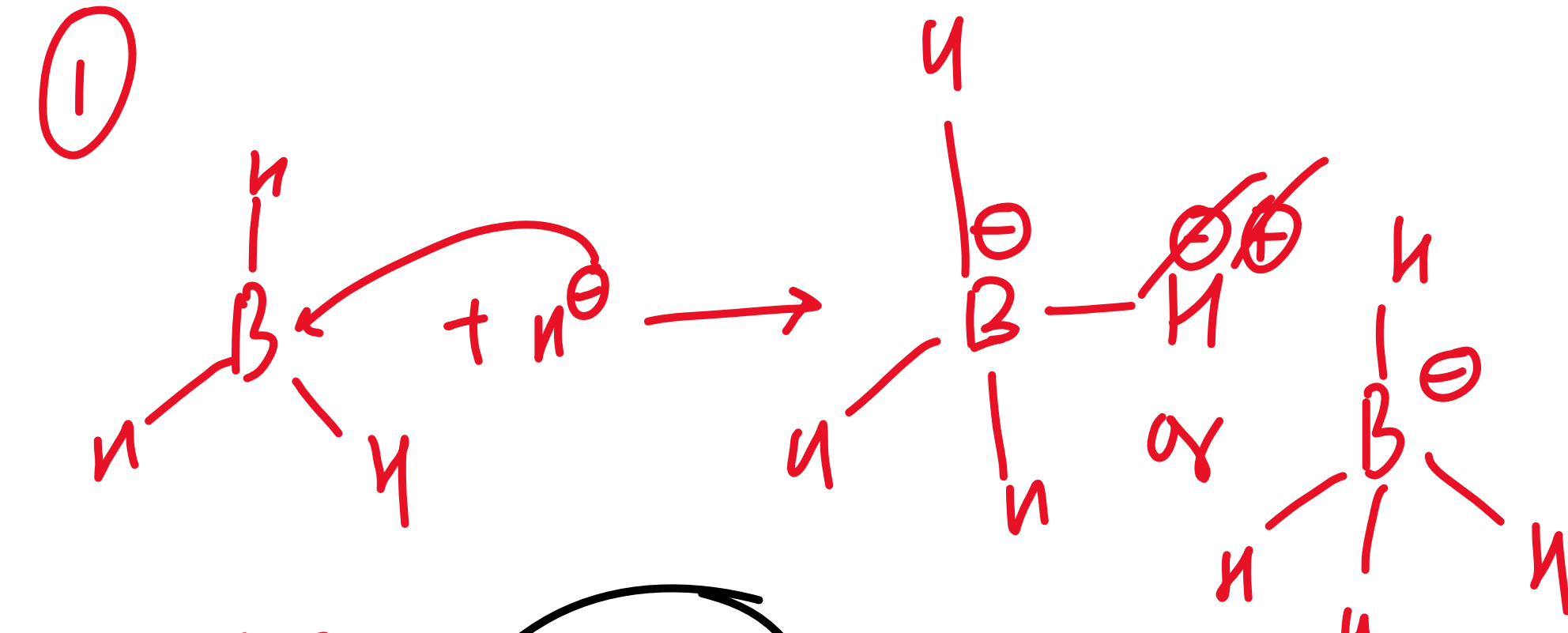
⑬ Iso-structural
→ same structure



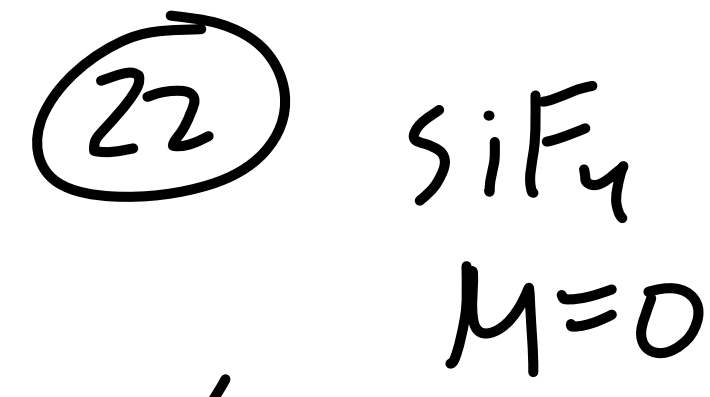
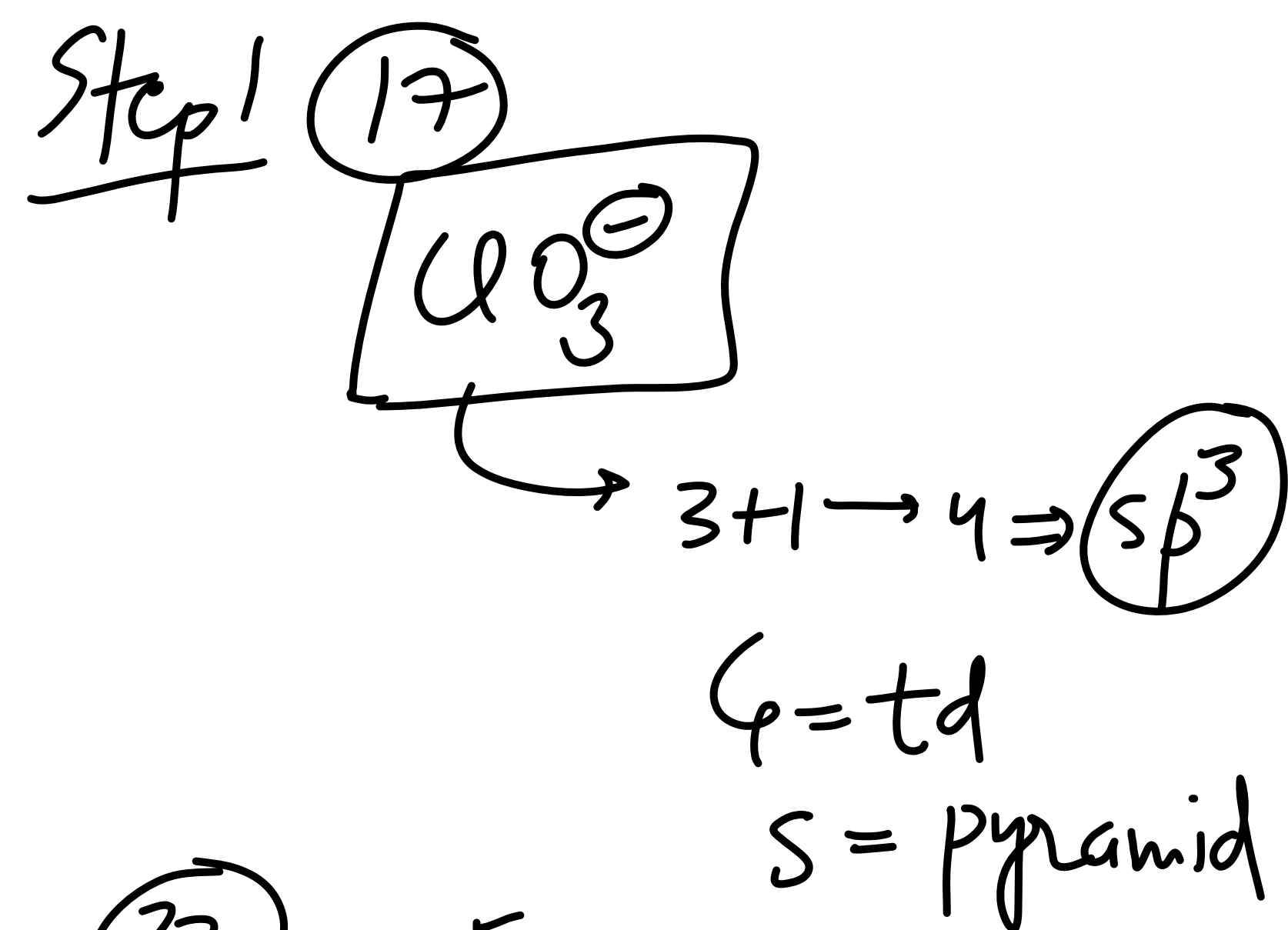
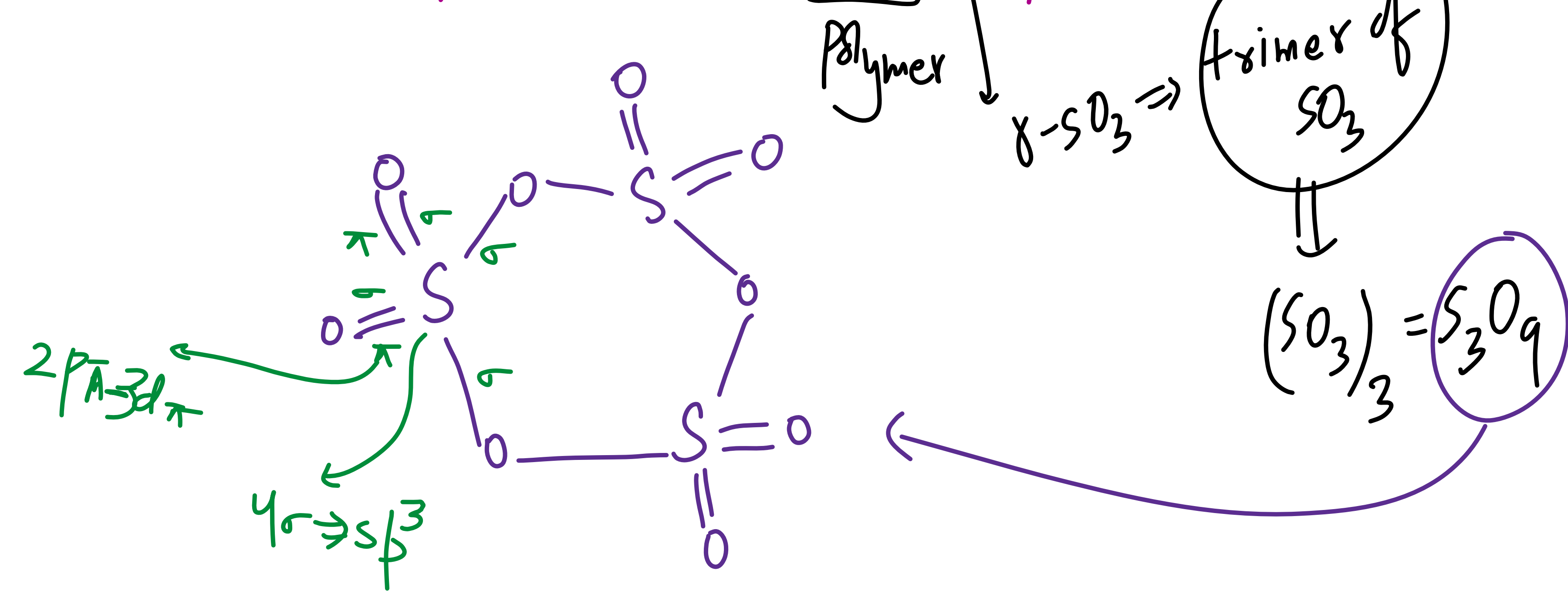
⑬ Not in this Chapter



Step 1 ⑧



SO_3 (solid) \rightarrow exist in α, β, γ forms.



③⑧